

Sequence Listing  
SEQUENCE LISTING

<110> Si , Kausik  
Kandel , Eric

<120> Prion-like form of CPEB and related compositions and methods

<130> 68103/JPW/BJA

<140> PCT/US04/36781  
<141> 2004-11-05

<150> 60/518,385  
<151> 2003-11-07

<160> 30

<170> PatentIn version 3.5

<210> 1  
<211> 78  
<212> DNA  
<213> Saccharomyces cerevisiae

<400> 1  
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ggaataaagc tctagagc 78

<210> 2  
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<220>  
<223> Primer directed to Aplysia cDNA

<220>  
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<222> (12)..(12)  
<223> n is a, c, g, or t

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> s is g, or c

<220>  
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<222> (15)..(15)  
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<220>  
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<220>  
<221> misc\_feature  
<222> (21)..(21)  
<223> h is a, or c, or t/u

## Sequence Listing

<220>  
<221> misc\_feature  
<222> (24)..(24)  
<223> n is a, c, g, or t

<400> 2  
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27

<210> 3  
<211> 26  
<212> DNA  
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<220>  
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<220>  
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<222> (12)..(12)  
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<220>  
<221> misc\_feature  
<222> (18)..(18)  
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<222> (20)..(20)  
<223> s is g, or c

<220>  
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26

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<212> DNA  
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<400> 4  
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21

<210> 5  
<211> 20  
<212> DNA  
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<223> Primer directed to Aplysia mRNA

# Sequence Listing

<400> 5  
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<210> 6  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer directed to Aplysia mRNA

<400> 6  
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<210> 7  
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<212> DNA  
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<400> 7  
cgggatccat gtacaacaaa tttgtta 27

<210> 8  
<211> 26  
<212> DNA  
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<220>  
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<400> 8  
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<210> 9  
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<212> DNA  
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<220>  
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<400> 9  
atggactcgc tcaagttacc a 21

<210> 10  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer directed to Drosophila melanogaster mRNA

<400> 10  
cgcgatgcct gattgattgt tgaa 24

## Sequence Listing

<p> &lt;210&gt; 11  &lt;211&gt; 24  &lt;212&gt; DNA  &lt;213&gt; Artificial Sequence </p>	
<p> &lt;220&gt;  &lt;223&gt; Primer directed to Drosophila melanogaster mRNA </p>	
<p> &lt;400&gt; 11  tgtgcgttat tttatcgttt agtg </p>	24
<p> &lt;210&gt; 12  &lt;211&gt; 21  &lt;212&gt; DNA  &lt;213&gt; Artificial Sequence </p>	
<p> &lt;220&gt;  &lt;223&gt; Primer directed to Drosophila melanogaster mRNA </p>	
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<p> &lt;210&gt; 13  &lt;211&gt; 22  &lt;212&gt; DNA  &lt;213&gt; Artificial Sequence </p>	
<p> &lt;220&gt;  &lt;223&gt; Primer directed to Drosophila melanogaster mRNA </p>	
<p> &lt;400&gt; 13  caccaggaac ttcttgaatc cg </p>	22
<p> &lt;210&gt; 14  &lt;211&gt; 35  &lt;212&gt; DNA  &lt;213&gt; Artificial Sequence </p>	
<p> &lt;220&gt;  &lt;223&gt; Primer directed to Drosophila melanogaster cDNA </p>	
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<p> &lt;220&gt;  &lt;223&gt; Primer directed to Drosophila melanogaster cDNA </p>	
<p> &lt;400&gt; 15  cgggatccat gctggacagc aacaacag </p>	28
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# Sequence Listing

<212> DNA  
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<210> 17  
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<210> 21  
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 <213> Artificial Sequence

# Sequence Listing

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<210> 22  
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 <213> Artificial Sequence

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Phe

<210> 23  
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<210> 24  
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 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer directed to Aplysia sensorin RNA

<400> 24  
 aacagaaaca gtctttcccc c 21

<210> 25  
 <211> 19  
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<220>  
 <223> Primer directed to Aplysia sensorin RNA

<400> 25  
 tcttgactca ccaactgcc 19

<210> 26  
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<212> DNA  
 <213> Artificial Sequence  
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 <223> Primer directed to Aplysia Bmp1 RNA  
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<210> 27  
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<210> 30  
 <211> 28  
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